

Title (en)
USE OF IN-BAND METADATA AS BASIS TO ACCESS REFERENCE FINGERPRINTS TO FACILITATE CONTENT-RELATED ACTION

Title (de)
VERWENDUNG VON INBAND-METADATEN ALS BASIS ZUM ZUGRIFF AUF REFERENZFINGERABDRÜCKE ZUR ERLEICHTERUNG EINER INHALTSBEZOGENEN AKTION

Title (fr)
UTILISATION DE MÉTADONNÉES DANS LA BANDE COMME BASE POUR ACCÉDER À DES EMPREINTES DIGITALES DE RÉFÉRENCE AFIN DE FACILITER UNE ACTION LIÉE AU CONTENU

Publication
EP 4029276 A4 20230531 (EN)

Application
EP 20863069 A 20200904

Priority
• US 201962900037 P 20190913
• US 202015929210 A 20200128
• US 2020049374 W 20200904

Abstract (en)
[origin: WO2021050376A1] As a media client receives a media stream for presentation, the media client could receive, in-band with the media stream, metadata identifying the media stream, such as a media-stream identifier encoded as a watermark in the media stream or carried together with the media stream in a packet-based transport stream, among other possibilities. And while the media client is processing the media stream for presentation, the media client could then convey the received metadata out-of-band to a server to enable the server to readily obtain reference fingerprints representing the media stream and to thereby facilitate, based on the reference fingerprints, a content-related action such as dynamic content modification for instance.

IPC 8 full level
H04N 21/235 (2011.01); **H04L 65/1089** (2022.01); **H04L 65/612** (2022.01); **H04L 65/75** (2022.01); **H04L 69/14** (2022.01); **H04N 21/2389** (2011.01); **H04N 21/435** (2011.01); **H04N 21/8358** (2011.01)

CPC (source: CN EP US)
H04L 65/1089 (2013.01 - CN EP); **H04L 65/61** (2022.05 - US); **H04L 65/612** (2022.05 - EP); **H04L 65/764** (2022.05 - EP US); **H04L 69/14** (2013.01 - CN EP); **H04N 21/23424** (2013.01 - CN); **H04N 21/26241** (2013.01 - CN); **H04N 21/2668** (2013.01 - CN); **H04N 21/8358** (2013.01 - CN); **H04L 67/01** (2022.05 - US)

Citation (search report)
• [X1] US 2016316261 A1 20161027 - KOSHEVOY PAVEL A [US]
• See references of WO 2021050376A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2021050376 A1 20210318; CN 114402572 A 20220426; CN 114402572 B 20221122; CN 115766676 A 20230307; EP 4029276 A1 20220720; EP 4029276 A4 20230531; TW 202114432 A 20210401; TW 202315415 A 20230401; TW I788701 B 20230101; US 11233840 B2 20220125; US 11792254 B2 20231017; US 2021084091 A1 20210318; US 2022109715 A1 20220407

DOCDB simple family (application)
US 2020049374 W 20200904; CN 202080063939 A 20200904; CN 202211433561 A 20200904; EP 20863069 A 20200904; TW 109131270 A 20200911; TW 111145799 A 20200911; US 202015929210 A 20200128; US 202117644183 A 20211214